

Fiscal Year 2011 Department of Interior, Environment, and Related Agencies Appropriations Requests

Project Name: Cache River National Wildlife Refuge
Recipient: U.S. Fish and Wildlife Service
Project Location: Monroe County, Arkansas
FY11 Request: \$4,000,000

Project Purpose:

This is a land acquisition project that would acquire two pieces of land totaling an estimated 1,600 acres. This purchase would provide for the fee-title acquisitions allowing this land to be included in the Cache River National Wildlife Refuge. The project would protect significant wetland habitat, protect water quality and increase recreational activities at the refuge.

Project Name: Cantrell Road Pump Station Upgrade
Recipient: Little Rock Wastewater
Project Location: Pulaski County, Arkansas
FY11 Request: \$10,585,753

Project Purpose:

The purpose of this project is to address maintenance concerns and improve the hydraulic capacity of the collection system to reduce the occurrence of sanitary sewer overflows. The wet well of the pump station is undersized, and that problem needs to be remedied. Additionally, hydraulic modeling associated with the development of the System Evaluation and Capacity Assurance Plan indicates that the pump station needs to be hydraulically upgraded from its existing capacity of 28 MGD to 40 MGD to address sanitary sewer overflows.

Project Name: Chad Colley/Roberts Boulevard Water Line
Recipient: Fort Chaffee Redevelopment Authority
Project Location: Fort Smith, Sebastian County, Arkansas
FY11 Request: \$1,402,775

Project Purpose:

The Fort Chaffee Redevelopment Authority (FCRA) is in charge of redeveloping approximately 7,000 acres of property that was deemed excess property by the BRAC action of 1995. The project is a water line extension that provides a loop for the water system enabling the supply of domestic water and fire protection for the area. Funds will be used for engineering services and construction.

Project Name: Drainage System Improvements
Recipient: City of Helena-West Helena, Arkansas
Project Location: Helena-West Helena, Phillips County, Arkansas
FY11 Request: \$4,095,660

Project Purpose:

The Drainage Project will address the Helena-West Helena flooding problem by expanding the natural drainage system through acquisition of properties and easements and the construction of various types of drainage facilities, including channels.

Project Name: Drainage System Improvements
Recipient: City of Marianna, Arkansas
Project Location: Marianna, Lee County, Arkansas
FY11 Request: \$825,000

Project Purpose:

This project will address the flooding problem by expanding the natural drainage system through acquisition of properties and easements and the construction of various types of drainage facilities, including channels.

Project Name: Fourche Creek Wastewater Treatment Facility
Recipient: Little Rock Wastewater
Project Location: Pulaski County, Arkansas
FY11 Request: \$9,928,625

Project Purpose:

Over the last 20 years, the citizens of Little Rock have worked to minimize sanitary sewer overflows in their collection system. Lawsuits by environmental groups and subsequent consent administrative orders from state agencies of the EPA have intensified the effort to lessen the occurrence of sanitary sewer overflows. This project would expand the front end peak hydraulic capacity for the Fourche Creek Wastewater Treatment Plant from 38 MGD to 52 MGD.

Project Name: Innovative Biosolids Processing Method
Recipient: City of Fayetteville, Arkansas
Project Location: Fayetteville, Washington County, Arkansas
FY11 Request: \$ 4,400,000

Project Purpose:

This project is an innovative multi-stage biosolids processing facility combining solar energy drying with six greenhouse-type chambers with thermal drying. Biosolids from both of the City's regional wastewater plants will be dried to 90% by a thermal drying process. The 90% dry biosolids will then be converted to fuel for the thermal driers for drying the next load of biosolids, making the process and energy producer and reducing the reliance on external fuel sources.

Project Name: Intake Structure Plant
Recipient: Lonoke White Public Water Authority
Project Location: Cleburne County, Arkansas
FY11 Request: \$4,642,962

Project Purpose:

The purpose of the project is to supply water to Lonoke and White counties. Funds would be used to build an intake structure, which would be jointly owned by the Community Water System and the Lonoke White Public Water Authority. Once complete, the Lonoke White Public Water Authority will maintain and operate the water distribution line and treatment plant. The project utilizes Greers Ferry Lake to provide a public water supply for eleven counties.

Project Name: Lower Cache River Restoration
Recipient: U.S. Fish and Wildlife Service
Project Location: Monroe County, Arkansas
FY11 Request: \$3,600,000

Project Purpose:

The proposed project is designed to restore riverine conditions to meanders located in the lower seven miles of the Cache River, located in Monroe County, Arkansas. These meanders were isolated from stream flow during an authorized flood control project that began construction in the 1970s but was stopped by court order later that decade. Several meanders were isolated in the process, which significantly decreased the amount of available riverine habitat, and six of these meanders were identified as candidates for restoration. The Cache watershed provides habitat for 70% of the aquatic diversity in the Mississippi River Alluvial Plain in Arkansas. The river system also supports bottomland forests which provide breeding habitat for wintering land birds and waterfowl.

Project Name: Madison Storm Water Project
Recipient: Little Rock Wastewater
Project Location: Madison, Arkansas
FY11 Request: \$511,796

Project Purpose:

This project will provide critically needed infrastructure upgrades to the street and street drainage systems that serve the City of Madison. The proposed project involves the installation of drainage, culverts and street improvements. Upgrades will include overlays of badly deteriorated asphalt surfaces as well as improvements to gravel surfaces. Street side drainage ditches will be cleaned and enlarged to improve draining capacity. In addition, culverts under the streets and in the street side ditches will be repaired or replaced.

Project Name: Maumelle Water Excellence
Recipient: Central Arkansas Water
Project Location: Pulaski County, Arkansas
FY11 Request: \$4,000,000

Project Purpose:

The Maumelle Water Excellence project will protect forests that are vital to Central Arkansas's drinking water quality; provide public access for hiking, fishing, and hunting; protect endangered species habitat; implement Arkansas's Wildlife Action Plan; and provide conservation education.

Project Name: Mid-South Center for Water Sustainability
Recipient: Arkansas State University
Project Location: Jonesboro, Craighead County, Arkansas
FY11 Request: \$2,830,000

Project Purpose:

Arkansas State University is positioned to provide leadership in conducting research and outreach related to promoting sustainable water use in the Mid-South alluvial plains region. This project would create a Center for Sustainable Water Management that would integrate modeling, analysis and monitoring of climate, water, and land use systems in the Mississippi Delta region. The Center would contribute to the nation's science and engineering research.

Project Name: National Rural Water Association
Recipient: National Rural Water Association
Project Location: The National Rural Water Association is headquartered Duncan, Oklahoma, but works with rural water associations across the country.
FY10 Request: \$16,800,000

Project Purpose:

The need for rural water on-site technical assistance continues to increase with the expansion of federal drinking water regulations (including arsenic, radon, operator certification requirements, disinfection byproducts, and the ground water treatment rule, in addition to the over 80 EPA rules that are currently on the books) and more stringent waste water permits. The National Rural Water Association helps to provide this technical assistance through its state associations.

Project Name: Redwood Storm-water Drainage Tunnel Improvements
Recipient: City of North Little Rock, Arkansas
Project Location: North Little Rock, Pulaski County, Arkansas
FY11 Request: \$1,045,000

Project Purpose:

The Redwood Drainage Tunnel is critical for flood protection. The tunnel drains over 1,000 acres of watershed into the Arkansas River. Inspections have shown a deterioration of the inside of the tunnel which will require a re-stabilization of the structure walls. A new liner will be specifically designed to reinforce wall strength and repair current wall deterioration.

Project Name: Regional Water Supply Protection
Recipient: City of Fort Smith, AR
Project Location: Fort Smith, Sebastian County, Arkansas
FY11 Request: \$800,000

Project Purpose:

A recent EPA vulnerability assessment identified several projects to enhance the safety and security of Fort Smith's water supplies. Funds would be used to design and construct these enhancements. Fort Smith operates two water supply lakes and treatment plants providing water for over 140,000 people and thousands of industries and businesses in western Arkansas and eastern Oklahoma.

Project Name: Sanitary Sewer Rehabilitation
Recipient: City of Fayetteville, Arkansas
Project Location: Fayetteville, Washington County, Arkansas
FY11 Request: \$ 1,950,000

Project Purpose:

Funding will be used to rehabilitate the sewer collection system in southern Fayetteville and the City of Greenland immediately south of Fayetteville, including replacing 23,374 feet of sewer line, making 68 point repairs and repairing or replacing numerous manholes. The project will reduce the pollutant loads for all areas of the White River downstream from northwest Arkansas, where the river is used as a drinking water supply and as a significant recreational area. It will also extend the life of the infrastructure.

Project Name: Sewer Outfall Line Repairs and Improvements
Recipient: Little Rock Wastewater
Project Location: Pulaski County, Arkansas
FY11 Request: \$2,520,615

Project Purpose:

During wet weather events, the existing sanitary sewer mains do not have the capacity to transport the raw sewage due to undersized lines which results in overflows. These overflows are damaging to the public and to the environment. Little Rock Wastewater has designed the Allsopp Outfall and Country Club Outfall to address the overflow issues.

Project Name: Sewer Replacement Project
Recipient: Fort Chaffee Redevelopment Authority
Project Location: Fort Smith, Sebastian County, Arkansas
FY11 Request: \$727,870

Project Purpose:

The Fort Chaffee Redevelopment Authority (FCRA) is in charge of redeveloping approximately 7,000 acres of property that was deemed excess property by the BRAC action of 1995. This project will replace and rehabilitate sewer lines, including the removal and disposal of approximately 7,300 linear feet of outdated 4" to 12" pipe and the replacement of approximately 19,450 linear feet of 8" to 12" sewer line. Funds will be used for engineering services and construction.

Project Name: Sewer System Improvements
Recipient: City of Helena-West Helena, Arkansas
Project Location: Helena-West Helena, Phillips County, Arkansas
FY11 Request: \$646,250

Project Purpose:

Funding will be used to conduct a Sewer System Evaluation Survey and perform rehabilitation work. The study and rehabilitation work are needed to prevent sewer system overflows and prevent infiltration during rain events.

Project Name: Rural Community Assistance Partnership Technical Assistance
Recipient: Rural Community Assistance Partnership
Project Location: Nation-wide
FY11 Request: \$ 4,000,000

Project Purpose:

Smaller community water systems are far more likely than large systems to report major drinking water violations and the financial burden of maintaining safe water systems remains quite high for small communities. Access to safe and clean water is a right that should be afforded to everyone no matter where they live and this funding will help offer the much needed technical support needed to address water and waste water treatment needs.

Project Name: Town Branch Drainage Improvement
Recipient: City of Warren, Arkansas
Project Location: Warren, Bradley County, Arkansas
FY11 Request: \$ 500,000

Project Purpose:

This project will improve flood control infrastructure and relocate a water and sewer line. Funds will be used for paved ditches and installation of an additional 60-inch diameter reinforced concrete pipe under the intersection of Myrtle and Pine streets.

Project Name: Trumann Detention Pond
Recipient: City of Trumann
Project Location: Trumann, Arkansas
FY11 Request: \$1,426,568

Project Purpose:

Funding will be used to construct a detention pond and install culverts with backwater gates along Pine Street and along the east side of the Trumann Health Rehabilitation Facility. During periods of nominal flow, these culverts with backwater gates will allow the water to flow into Drainage Ditch No. 12. When Ditch No. 12 rises, the backwater gates on the culverts will close, and the storm water from the subdivision will be diverted to the detention basin. The storm water will be contained in the detention basin until the water level in Ditch No. 12 recedes and allows the detention basin to empty.

Project Name: University Drive/ U.S. Hwy 79B Sewer Extension Project
Recipient: City of Pine Bluff, Arkansas
Project Location: Pine Bluff, Jefferson County, Arkansas
FY11 Request: \$300,000

Project Purpose:

This project would provide sewer service to areas of University Drive/ U.S.79B that are currently in need of sewer service. The availability of sewer services protects public health, safeguards the environment and enhances the quality of life for residents. Funds will be used for design and construction of the sewer infrastructure.

Project Name: Upper Petit Jean Public Water Authority Regional Water Source
Recipient: Upper Petit Jean Public Water Authority
Project Location: Cities of Booneville and Waldron in Logan and Scott Counties, Arkansas
FY11 Request: \$485,000

Project Purpose:

The cities of Booneville and Waldron have faced water shortage issues since the 1990s. To address this problem, the Upper Petit Jean Public Water Authority intends to construct a multi-purpose reservoir to address both flood control and the regional municipal and industrial water demands. Funding is requested to update an existing engineering report and complete an environmental impact statement.

Project Name: USS *Hoga* Repairs
Recipient: City of North Little Rock, Arkansas
Project Location: Repair work will be done in the San Francisco, CA area prior to *Hoga*'s transport to North Little Rock.
FY11 Request: \$806,660

Project Purpose:

Funding is requested for the repair of USS *Hoga* (YT-146). USS *Hoga* was present at Pearl Harbor, HI, on the morning of December 7th, 1941, when the Japanese attacked the Pacific Fleet. USS *Hoga* is the last surviving vessel from this historic event. Funding is requested to conduct a major hull repair to the USS *Hoga*.

Project Name: Wastewater Improvement Overflow Mitigation Project
Recipient: Little Rock Wastewater
Project Location: Pulaski County, Arkansas
FY11 Request: \$24,045,499

Project Purpose:

The project would rehabilitate or replace 15 sub basins to eliminate overflows during rainfall events. The rehabilitation or replacement of main lines and manholes extends the life of the sanitary sewer and reduces the extraneous water infiltrating the system which creates overflow. Of the 15 sub basins in need of repair, Little Rock Wastewater has completed the design phase for 8 of them, and the remaining 7 are currently being designed or investigated.

Project Name: Water and Wastewater System Improvements
Recipient: City of Warren, Arkansas
Project Location: Warren, Bradley County, Arkansas
FY11 Request: \$ 825,000

Project Purpose:

The City of Warren needs assistance in extending a water and sewer line along the Northeast Bypass to serve the industrial park and encourage future development. Funds will be used for construction and materials.

Project Name: Water Infrastructure Improvements
Recipient: City of Forrest City, Arkansas
Project Location: Forrest City, St. Francis County, Arkansas
FY11 Request: \$7,808,350

Project Purpose:

This project will consist of the development of water, wastewater and drainage along the newly constructed I-40/Highway 1 Forrest City Bypass. The project includes municipal and industrial water, sanitary sewer, flood control, floodplain/floodway delineation and related drainage issues.

Project Name: Wet Weather Sanitary Sewer Improvement
Recipient: City of Fort Smith, AR
Project Location: Fort Smith, Sebastian County, Arkansas
FY11 Request: \$5,000,000

Project Purpose:

Funds would be used for construction and rehabilitation of neighborhood sewer lines. The project will eliminate sanitary sewer overflows, which will bring the city into compliance with the Clean Water Act. The project will also reduce the occurrence of sewage backups into homes and businesses.